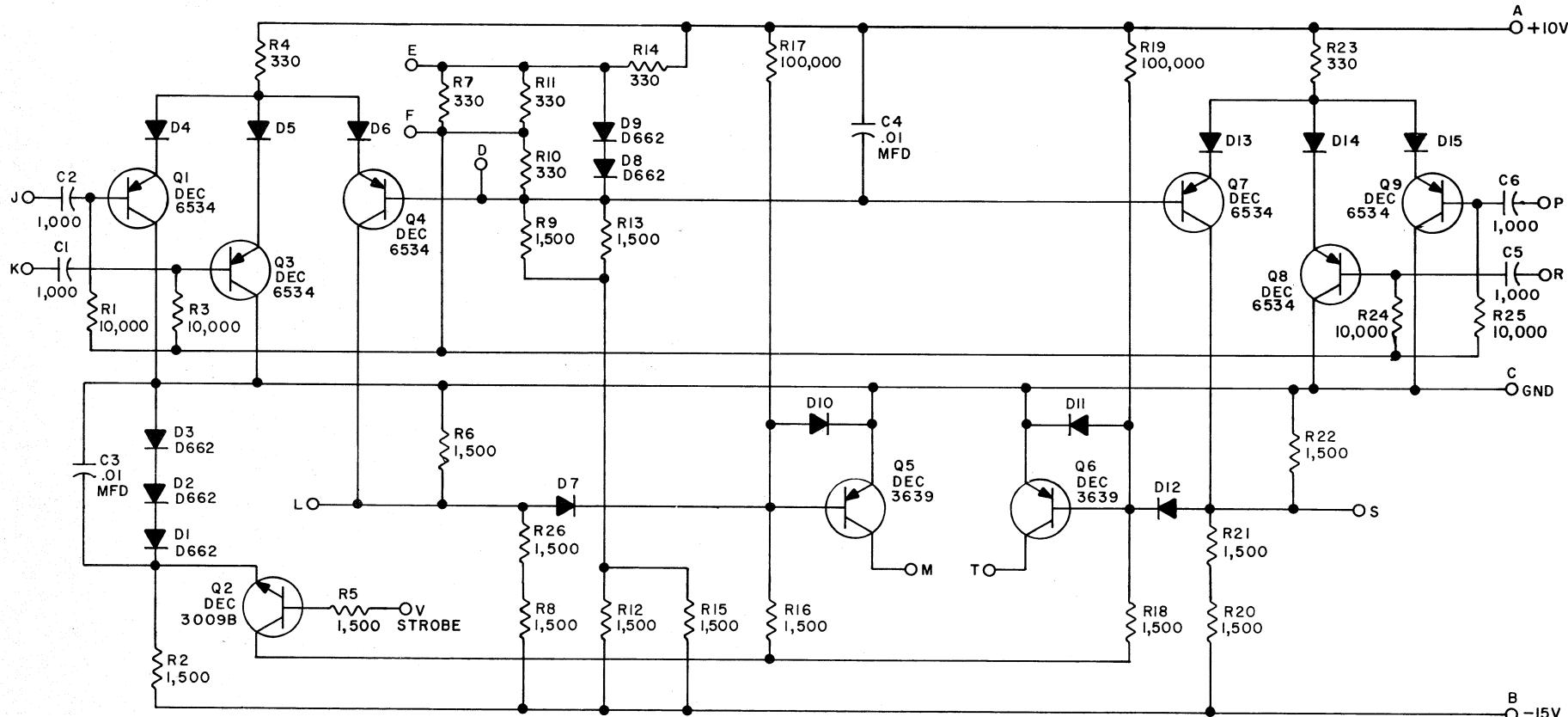


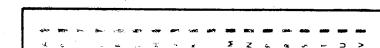
B CS G803-0-1
SIZE CODE NUMBER



THIS SCHEMATIC IS FURNISHED ONLY FOR TEST AND MAINTENANCE PURPOSES. THE CIRCUITS ARE PROPRIETARY IN NATURE AND SHOULD BE TREATED ACCORDINGLY.
COPYRIGHT 1966 BY DIGITAL EQUIPMENT CORPORATION



UNLESS OTHERWISE INDICATED:
RESISTORS ARE 1/4W; 5%
DIODES ARE D664
CAPACITORS ARE MMFD



DRN.	DATE
CHK'D.	DATE
ENG.	DATE
PROD.	DATE

TRANSISTOR & DIODE CONVERSION CHART

DEC	EIA	DEC	EIA
DEC3009B	2N3009		
DEC3639	2N3639		
DEC6534	MPS6534		
D662	IN645		
D664	IN3606		

digital
EQUIPMENT
CORPORATION

MAYNARD, MASSACHUSETTS

TITLE
RECTIFYING SLICER G803

SIZE	CODE	NUMBER	REV
B	CS	G803-0-1	

PRINTED CIRCUIT REV

A

REVISIONS	
CHK/CHG NO.	
REV	

DEC FORM NO.
DRB 102

SPECS

dec

FLIP CHIP MODULES TEST DATA

TYPE: G803

RECTIFYING SLICER

TEST	CONDITIONS	MINIMUM	MAXIMUM
VOLTAGE D-E	NORMAL POWER		-1.2 → 1.4V
VOLTAGE D-F	NORMAL POWER		.8 → 1.0 V
LOWER LEVEL	STROBE GROUNDED NO INPUT	-3.2 v	-3.9 v
UPPER LEVEL	STROBE -0.5V, 20MA LOAD ON OUTPUT, -2.0V TO L,S	- MV	-300 MV
STROBE INPUT CURRENT	V TO GROUND		≤0.9 MA
TEST POINT L,S	NO INPUT	+1.2 v	+1.6 v
STROBE DISABLE	-2.0V TO STROBE 3V INPUT CHECK FOR NO OUPUT		✓
SLICE THRESHOLD	-0.5V TO STROBE, VARY INPUT, 1μS WIDE PULSE	-1.2 v	-1.6 v
SLICE TTT	2.4V, 1μS PULSE, GROUND STROBE, 50% TO 50%	RISE	≤60 NS
		FALL	≤60 NS
STROBE TTT	SAME 50% TO 50%	RISE	≤80 NS
OUTPUT PULSE WIDTH	3.0V 20μS WIDE INPUT 50% TO 50%, GROUND STROBE	6 μs	10 μs

TECHNICAL INFORMATION

Instruction literature and technical bulletins are available on all digital products. If you would like to be added to our mailing list for this type of material or if you have any questions about the equipment you have purchased, please contact the nearest Digital Sales Office.

MAINTENANCE INFORMATION

Repair of printed circuitry should be done with a low voltage, fairly cool soldering iron to prevent damage to the transistors and keep the copper from lifting. Oscilloscopes used to troubleshoot a module or system should be grounded to prevent damaging transients.

ELEC. TESTER:

DATE: 9/12/66